

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037556.D
 Acq On : 26 Sep 2024 18:16
 Operator : SY/MD
 Sample : P4184-05
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY033

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 00:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	687328	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	657396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	329316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261256	43.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.600%		
7) Chloroethane-d5	1.532	69	201203	42.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.920%		
11) 1,1-Dichloroethene-d2	2.059	65	109787	43.553	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.100%		
21) 2-Butanone-d5	3.789	46	203931	94.893	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.890%		
24) Chloroform-d	4.243	84	447752	41.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.420%		
26) 1,2-Dichloroethane-d4	4.937	65	265495	42.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
32) Benzene-d6	4.953	84	895352	43.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.040%		
36) 1,2-Dichloropropane-d6	5.985	67	285346	43.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.120%		
41) Toluene-d8	7.239	98	794560	42.596	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.200%		
43) trans-1,3-Dichloroprop...	7.551	79	127334	41.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.700%		
47) 2-Hexanone-d5	8.024	63	119402	86.323	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.320%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	321078	42.185	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.380%		
66) 1,2-Dichlorobenzene-d4	11.554	152	307672	44.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.680%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	259828	42.664	ug/L	99
8) Chloroethane	1.548	64	394101	104.991	ug/L	98
12) 1,1-Dichloroethene	2.069	96	51352m	11.222	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	39417	8.143	ug/L	98
19) 1,1-Dichloroethane	3.104	63	4288885	462.418	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	2610673	481.926	ug/L	99
27) 1,2-Dichloroethane	5.053	62	11705	1.727	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	2599046	321.001	ug/L	99
34) Trichloroethene	5.837	95	21467	4.066	ug/L	97
42) Toluene	7.317	91	85146	4.143	ug/L	97
46) Tetrachloroethene	7.902	164	54014	13.380	ug/L	99
52) Ethylbenzene	8.947	91	76693	3.315	ug/L	99
53) m,p-Xylene	9.072	106	28942	3.361	ug/L	99
54) o-Xylene	9.477	106	28370	3.375	ug/L	96
63) 1,2,4-Trimethylbenzene	10.847	105	132362	7.859	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	14921	1.465	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :
EY033

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Supervised By :Mahesh Dadoda 09/30/2024

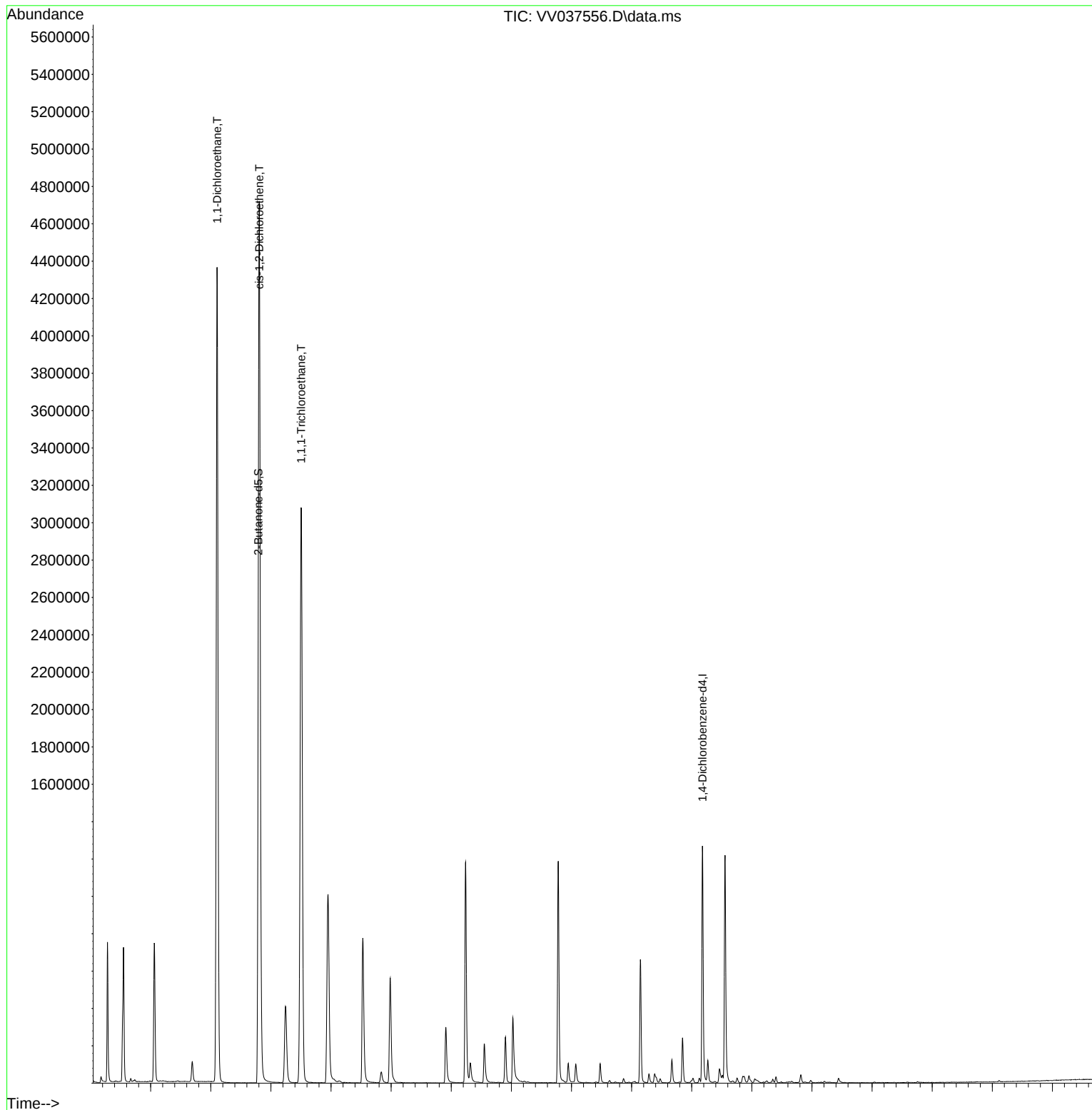
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037556.D
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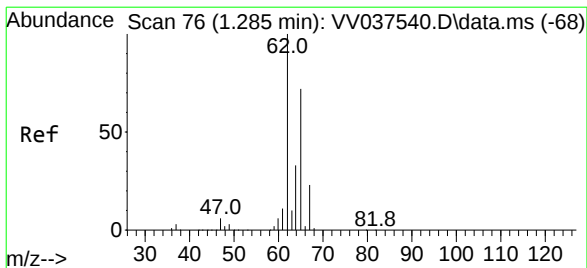
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Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 42.664 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV037556.D

Acq: 26 Sep 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :

EY033

Tgt Ion: 62 Resp: 259828

Ion Ratio Lower Upper

62 100

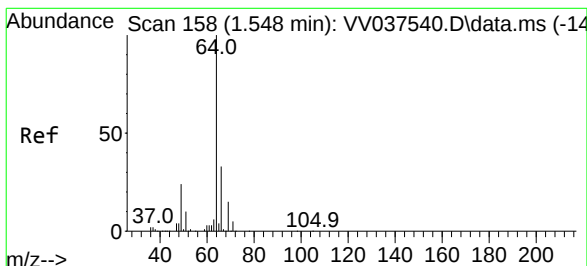
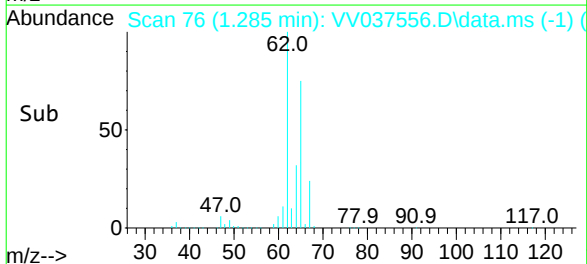
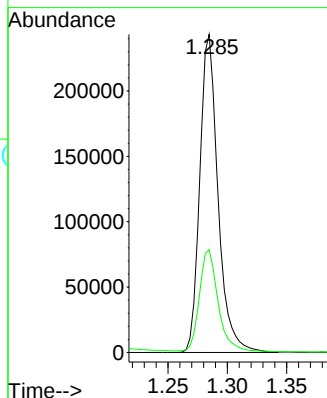
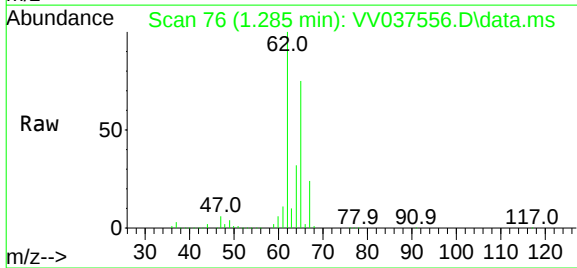
64 32.3 23.2 43.0

Manual Integrations

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Supervised By :Mahesh Dadoda 09/30/2024



#8

Chloroethane

Concen: 104.991 ug/L

RT: 1.548 min Scan# 158

Delta R.T. -0.000 min

Lab File: VV037556.D

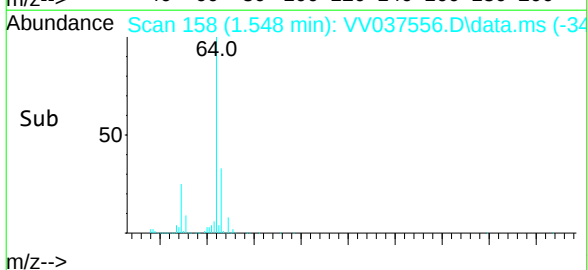
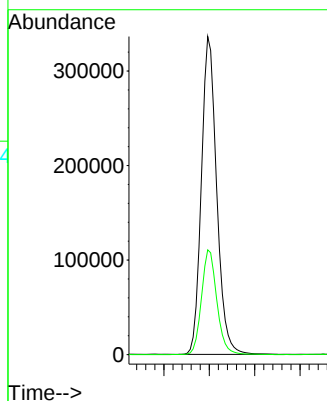
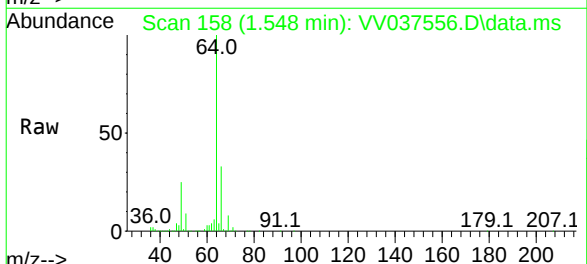
Acq: 26 Sep 2024 18:16

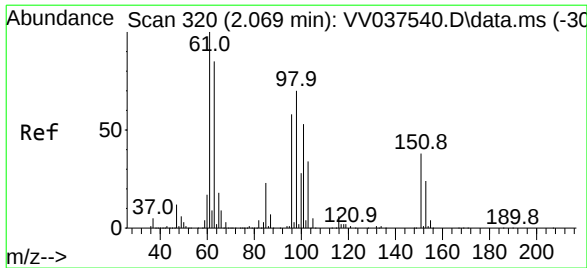
Tgt Ion: 64 Resp: 394101

Ion Ratio Lower Upper

64 100

66 32.9 22.2 41.2





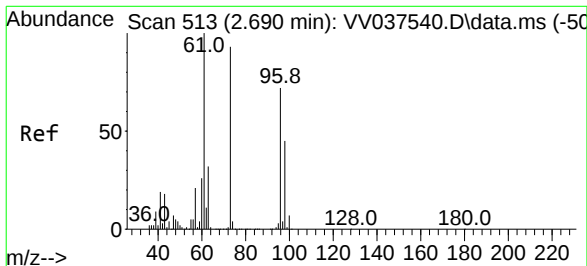
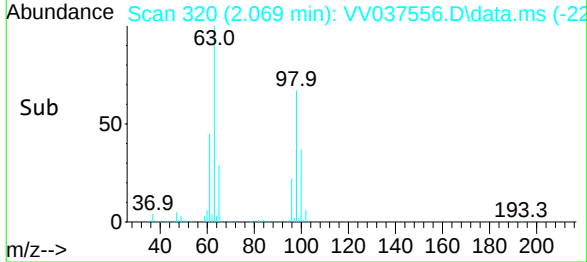
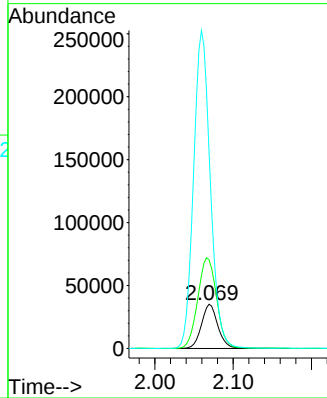
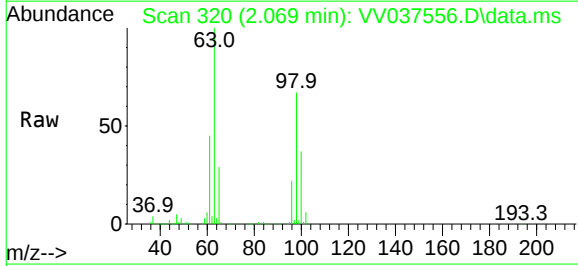
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1,1-Dichloroethene
Concen: 11.222 ug/L m
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037556.D
Acq: 26 Sep 2024 18:16

Instrument :
MSVOA_V
ClientSampleId :
EY033

Tgt Ion	Ratio	Lower	Upper
96	100		
61	200.5	122.6	227.6
63	446.5	118.0	219.2

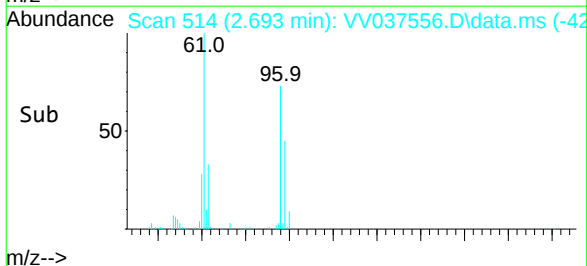
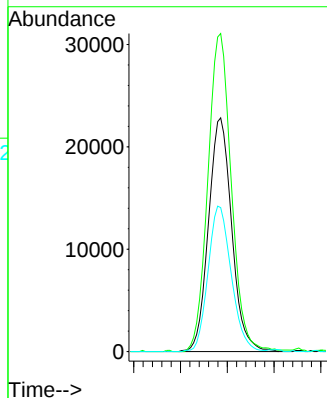
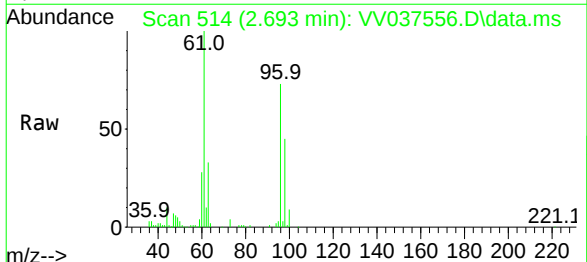
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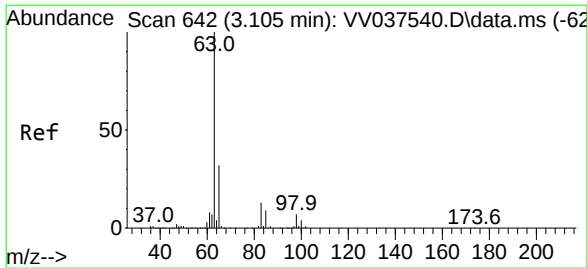
Reviewed By :Semsettin Yesilyurt 09/30/2024
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#17
trans-1,2-Dichloroethene
Concen: 8.143 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV037556.D
Acq: 26 Sep 2024 18:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.1	97.3	180.7
98	61.6	43.9	81.5





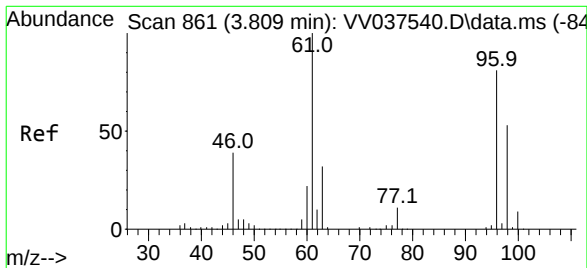
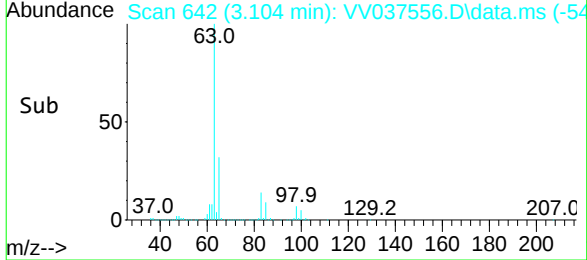
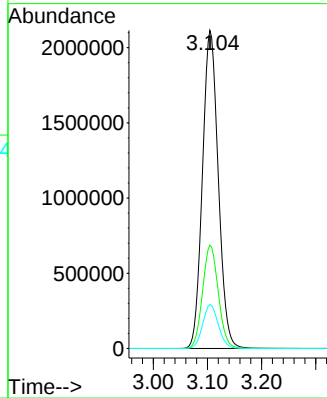
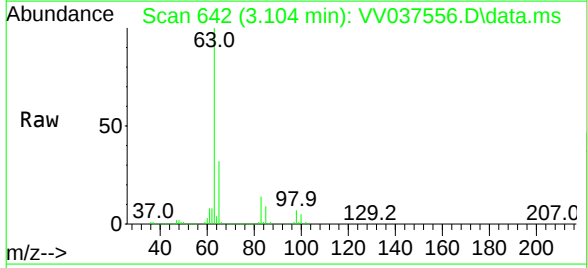
#19
1,1-Dichloroethane
Concen: 462.418 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037556.D
Acq: 26 Sep 2024 18:16

Instrument :
MSVOA_V
ClientSampleId :
EY033

Tgt Ion: 63 Resp: 428885
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.8 9.5 17.7

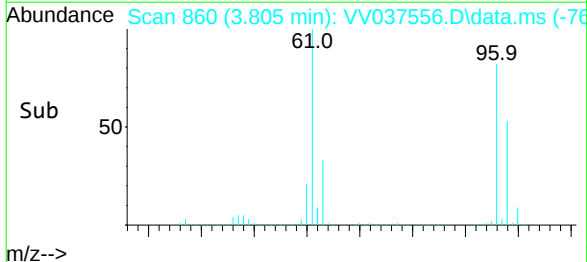
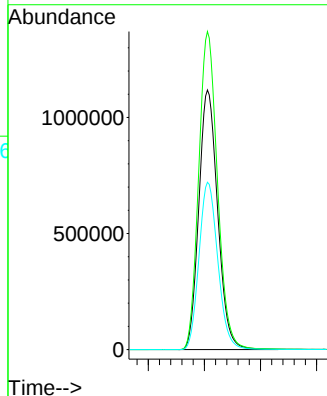
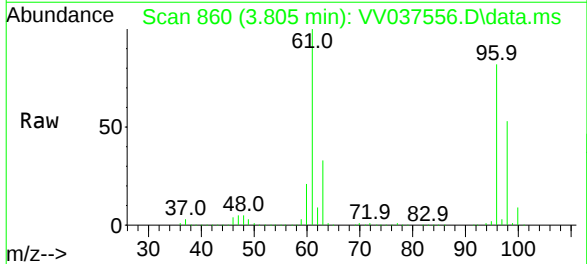
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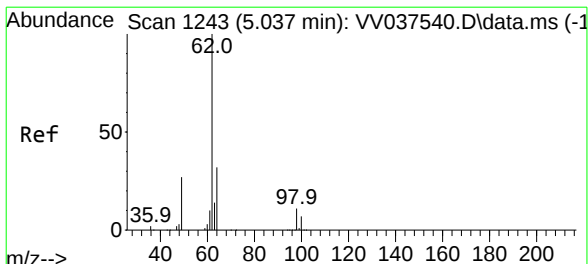
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#20
cis-1,2-Dichloroethene
Concen: 481.926 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037556.D
Acq: 26 Sep 2024 18:16

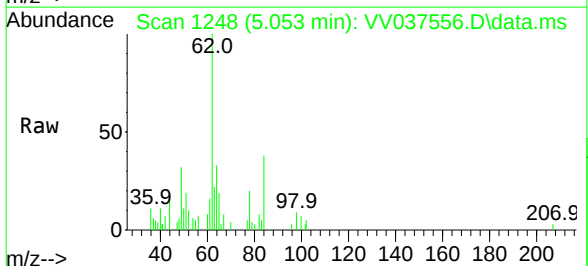
Tgt Ion: 96 Resp: 2610673
Ion Ratio Lower Upper
96 100
61 122.5 85.0 157.8
98 64.5 44.2 82.0





#27
 1,2-Dichloroethane
 Concen: 1.727 ug/L
 RT: 5.053 min Scan# 1243
 Delta R.T. 0.016 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

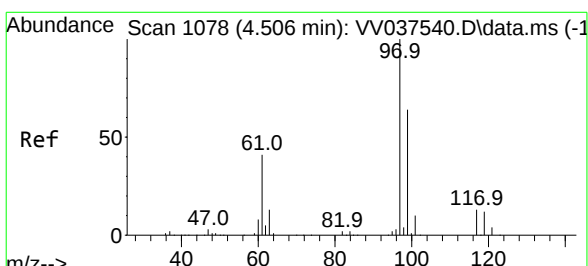
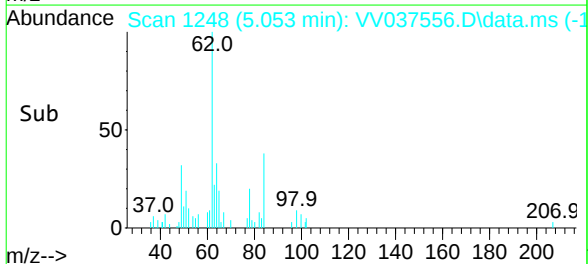
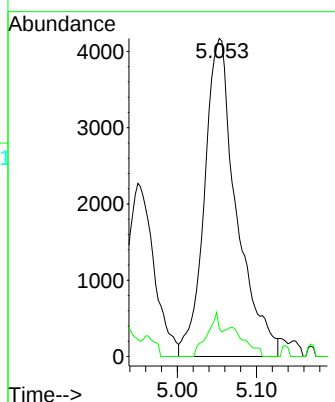
Instrument : MSVOA_V
 ClientSampleId : EY033



Tgt Ion:	62	Resp:	11705
Ion	Ratio	Lower	Upper
62	100		
98	8.8	8.4	12.6

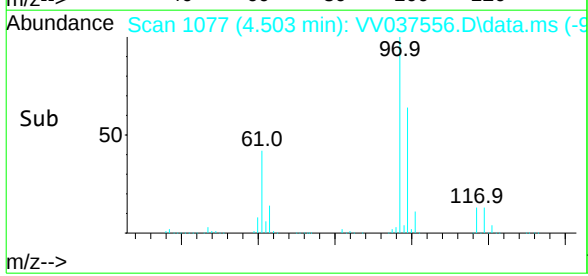
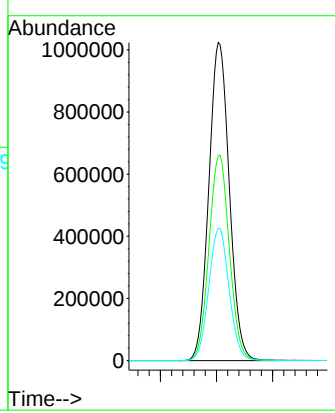
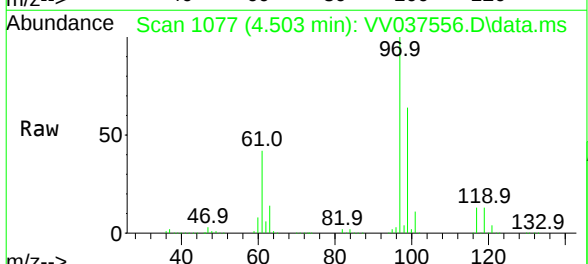
Manual Integrations
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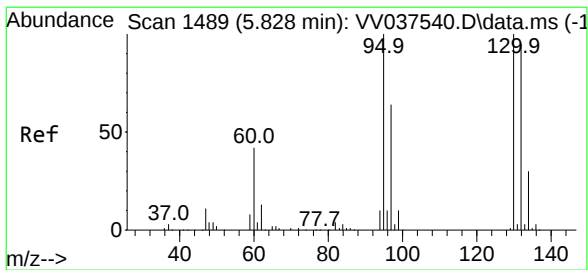
Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



#30
 1,1,1-Trichloroethane
 Concen: 321.001 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. -0.003 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

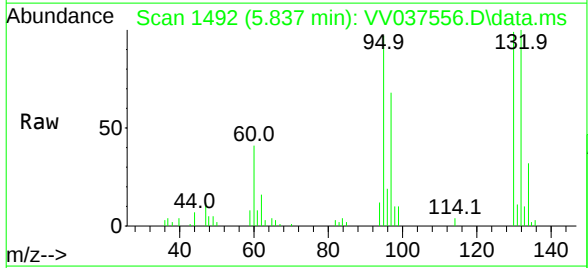
Tgt Ion:	97	Resp:	2599046
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	41.2	33.6	50.4





#34
Trichloroethene
Concen: 4.066 ug/L
RT: 5.837 min Scan# 1489
Delta R.T. 0.010 min
Lab File: VV037556.D
Acq: 26 Sep 2024 18:16

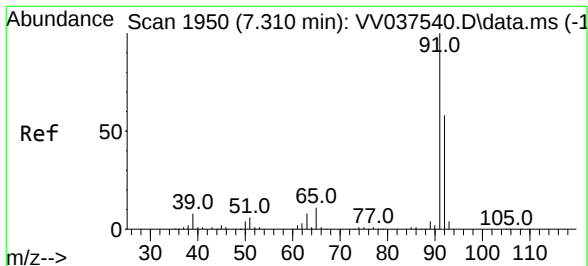
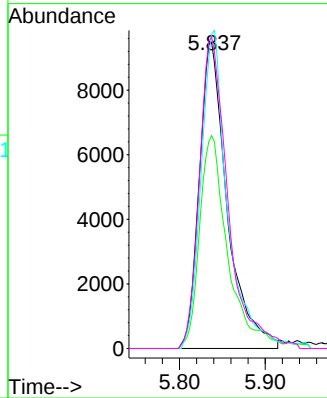
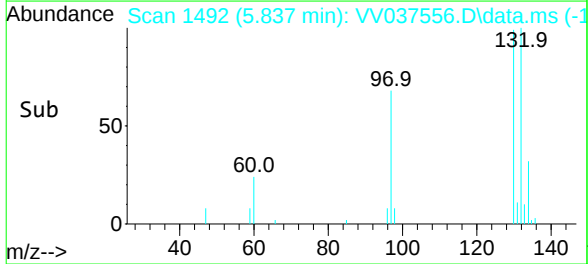
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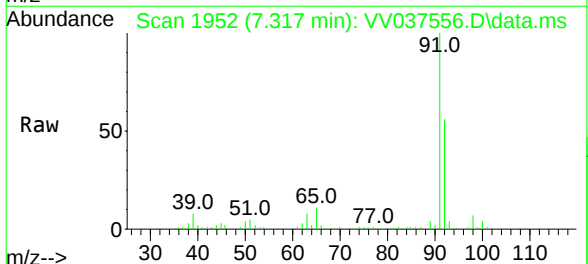
Tgt Ion: 95 Resp: 21467
Ion Ratio Lower Upper
95 100
97 69.6 46.3 85.9
132 102.8 68.6 127.4
130 101.9 70.9 131.7

Manual Integrations
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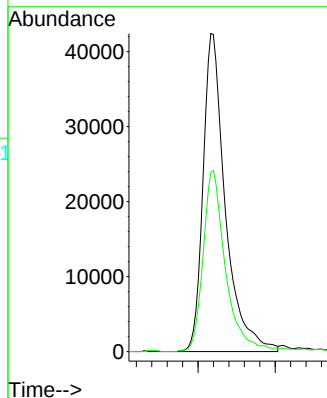
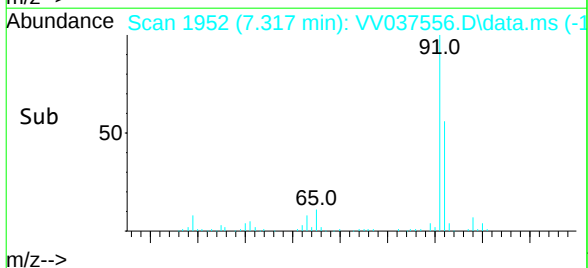
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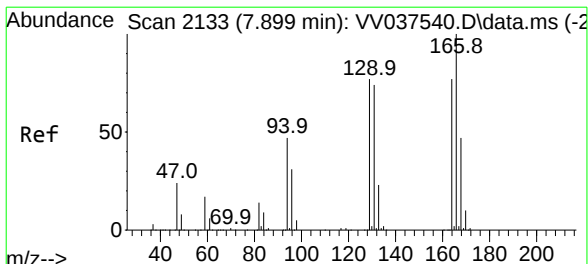


#42
Toluene
Concen: 4.143 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VV037556.D
Acq: 26 Sep 2024 18:16



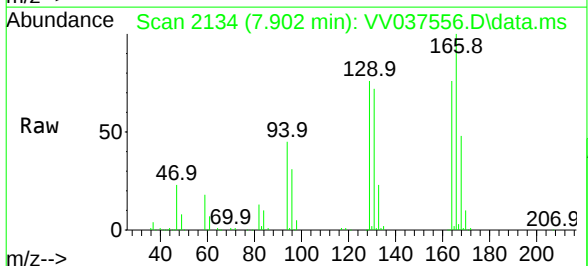
Tgt Ion: 91 Resp: 85146
Ion Ratio Lower Upper
91 100
92 56.2 41.1 76.3





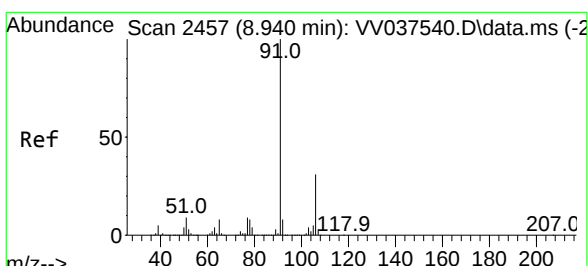
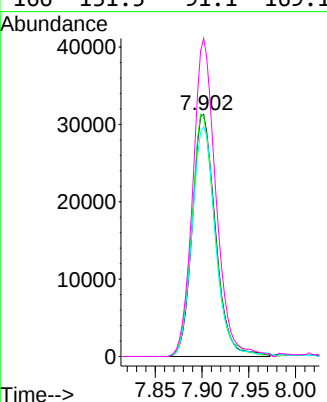
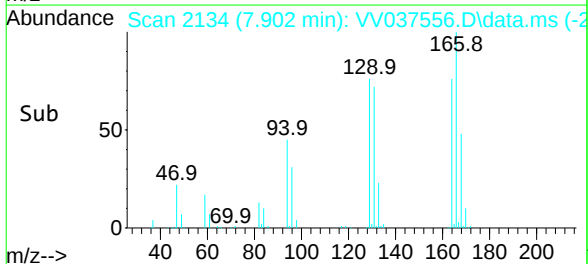
#46
 Tetrachloroethene
 Concen: 13.380 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.003 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

Instrument : MSVOA_V
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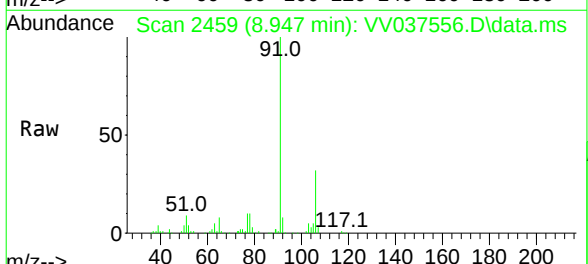


Tgt Ion:	164	Resp:	54014
Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.2	126.6
131	94.9	66.1	122.8
166	131.5	91.1	169.1

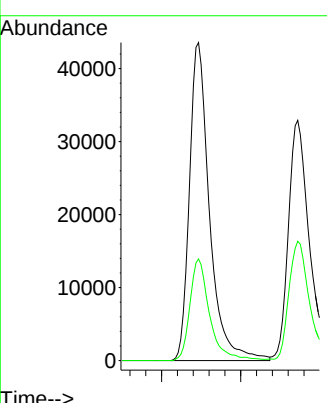
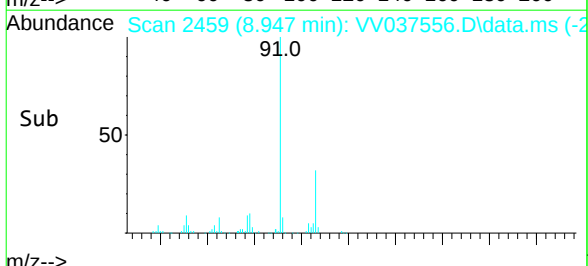
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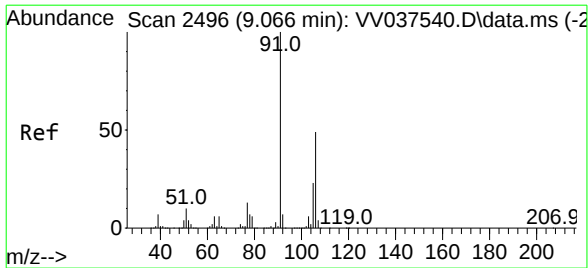


#52
 Ethylbenzene
 Concen: 3.315 ug/L
 RT: 8.947 min Scan# 2459
 Delta R.T. 0.006 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16



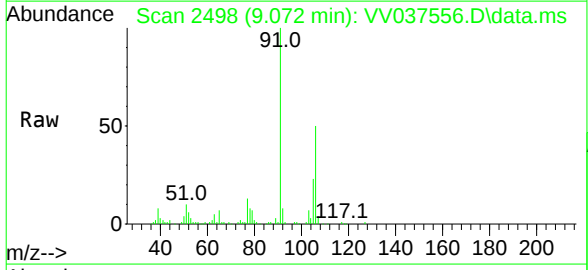
Tgt Ion:	91	Resp:	76693
Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.9	40.7





#53
 m,p-Xylene
 Concen: 3.361 ug/L
 RT: 9.072 min Scan# 2496
 Delta R.T. 0.006 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

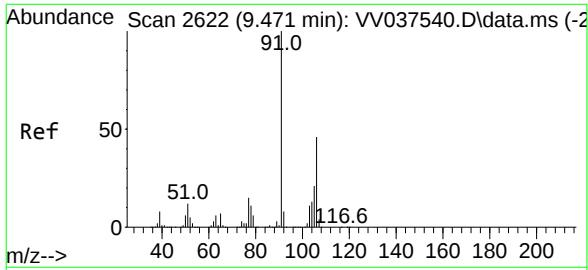
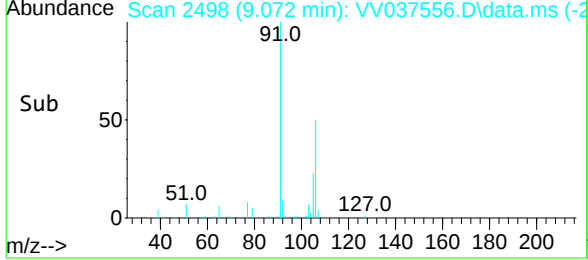
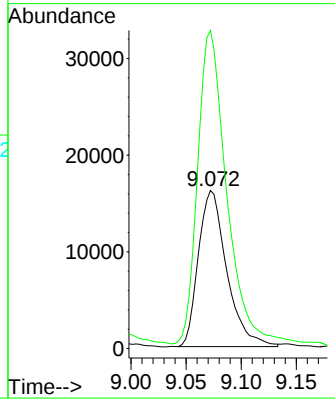
Instrument :
 MSVOA_V
 ClientSampleId :
 EY033



Tgt Ion:106 Resp: 28942
 Ion Ratio Lower Upper
 106 100
 91 201.3 142.0 263.6

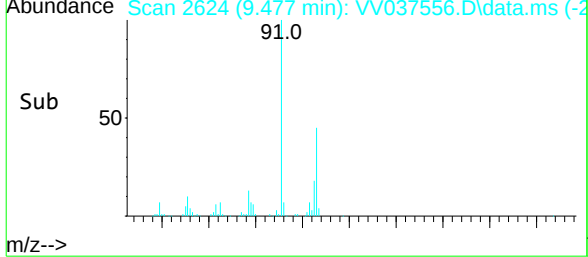
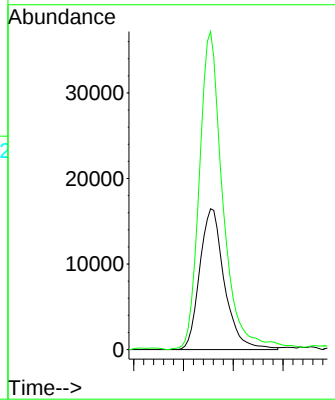
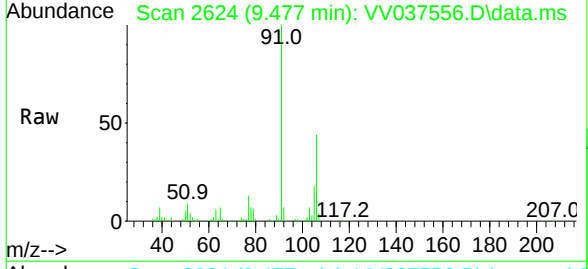
Manual Integrations
 APPROVED

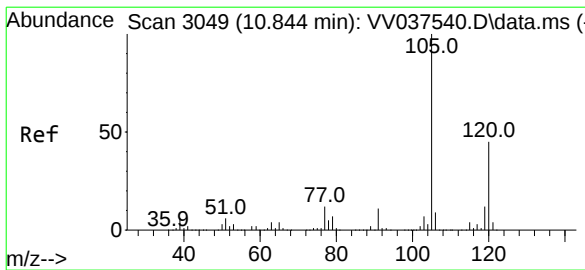
Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



#54
 o-Xylene
 Concen: 3.375 ug/L
 RT: 9.477 min Scan# 2624
 Delta R.T. 0.006 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

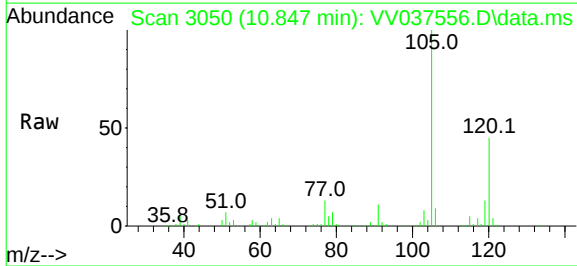
Tgt Ion:106 Resp: 28370
 Ion Ratio Lower Upper
 106 100
 91 225.8 153.9 285.9





#63
 1,2,4-Trimethylbenzene
 Concen: 7.859 ug/L
 RT: 10.847 min Scan# 3049
 Delta R.T. 0.003 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

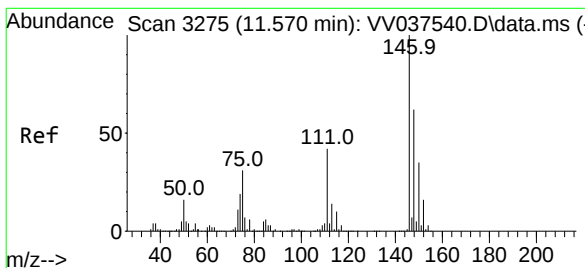
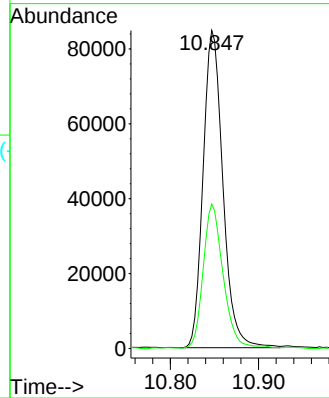
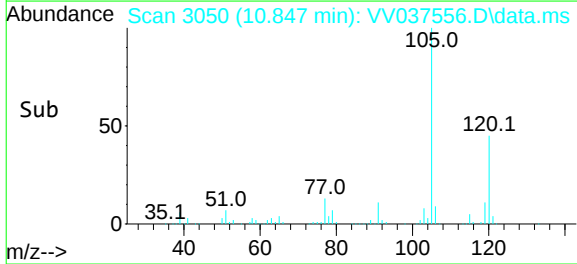
Instrument :
 MSVOA_V
 ClientSampleId :
 EY033



Tgt Ion: 105 Resp: 132362
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/30/2024
 Supervised By : Mahesh Dadoda 09/30/2024



#67
 1,2-Dichlorobenzene
 Concen: 1.465 ug/L
 RT: 11.570 min Scan# 3275
 Delta R.T. -0.000 min
 Lab File: VV037556.D
 Acq: 26 Sep 2024 18:16

Tgt Ion: 146 Resp: 14921
 Ion Ratio Lower Upper
 146 100
 111 47.2 34.2 51.2
 148 65.6 50.9 76.3

